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DT04 Rec'd PCT/PTO 22 SEP 2004  
PATENT

Attorney Docket No. AMYN-001/00US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re application of **Werner Paul Zwerschke et al.**

Serial No.: Based on PCT/EP03/02990 Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned Art Unit: Not Yet Assigned

Filed: September 22, 2004

For: **ANTI-HPV-16 E7 ANTIBODY AND ITS USE**

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,  
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.  
§§1.97 and 1.98.

- ☐ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. \_\_\_ to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
- ☒ The documents listed on the attached Form PTO/SB/08A correspond to the documents cited in the International Search Report for corresponding International Application No. PCT/EP03/02990 (copy attached), and it is understood that the International Bureau has provided copies of these documents to the USPTO and that such documents should be available to the Examiner. If that is not the case, please advise and the undersigned attorney will attempt to obtain copies and provide them to the Examiner.

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- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. English language publication \_\_\_\_ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) \_\_\_\_ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) \_\_\_\_ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. \_\_\_\_\_.

This Information Disclosure Statement is filed within any one of the following time periods:

- ☒ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in this international application;
- ☐ before the mailing date of a first office action on the merits; or
- ☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.


It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: September 22, 2004

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PTO/SB/08A (08-00)

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| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | <i>Complete if Known</i>      |                         |
|   |   |    |   | <b>Application Number</b>     | Based on PCT/EP03/02990 |
|   |   |    |   | <b>Filing Date</b>            | September 22, 2004      |
|   |   |    |   | <b>First Named Inventor</b>   | Werner Paul Zwerschke   |
|   |   |    |   | <b>Group Art Unit</b>         | Not Yet Assigned        |
|   |   |    |   | <b>Examiner Name</b>          | Not Yet Assigned        |
| <b>Sheet</b>  | 1 | of | 2 | <b>Attorney Docket Number</b> | AMYN-001/00US           |

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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| Examiner<br>Signature |  | Date<br>Considered |  |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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|   |                  |    |   | Application Number       | Based on PCT/EP03/02990 |
|   |                  |    |   | Filing Date              | September 22, 2004      |
|   |                  |    |   | First Named Inventor     | Werner Paul Zwerschke   |
|   |                  |    |   | Group Art Unit           | Not Yet Assigned        |
| Examiner Name   | Not Yet Assigned |    |   |                          |                         |
| Sheet   | 2                | of | 2 | Attorney Docket Number   | AMYN-001/00US           |

| OTHER – NON PATENT LITERATURE DOCUMENTS |                       |  |  |  |
|---|-----------------------|--|--|--|
| Examiner Initials*                      | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                        |  |  |
|   |                       | SMITH, Michele C., et al. "Kinetically inert cobalt (III) linkage through an engineered metal binding site: Specific orientation of recombinant human papillomavirus type 16 E7 protein on a solid support", <u>Methods</u> (ORLANDO), vol. 4, no. 1, 1992, pages 73-78.               |  |  |
|   |                       | DATABASE WPI, Section Ch., Week 200260, Derwent Publications Ltd., London, GB; Class B04 AN 2002-563528  |  |  |
|   |                       | STACY, S.N., et al., "Expression of Human Papillomavirus Type 16 E7 Protein by Recombinant Baculovirus and Use for the Detection of E7 Antibodies in Sera from Cervical Carcinoma Patients", <u>Journal of Medical Virology</u> , New York, NY, vol. 40, no. 1, May 1983, pages 14-21. |  |  |
|   |                       | DI LONARDO, A., et al. "Egg yolk antibodies against the E7 oncogenic protein of human papillomavirus type 16", <u>Archives of Virology</u> , vol. 146, no. 1, 2001, pages 117-125.   |  |  |
|   |                       | SELVEY, L.A., et al., "An ELISA capture assay for the E7 transforming proteins of HPV16 and HPV18", <u>Journal of Virological Methods</u> , vol. 37, no. 2, 1992, pages 119-127  |  |  |
|   |                       | CHINAMI, M., et al., "Association of RNA with Human Papillomavirus E7 protein of type 16 but not type 6b", <u>Biochemical and Biophysical Research Communications</u> , December 30, 1993, vol. 197, no. 3, pages 1609-1614.   |  |  |
|   |                       | International Search Report of PCT/EP03/02990 dated October 1, 2003.   |  |  |
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